

Datasheet for ABIN7600070
anti-PTPN9 antibody (AA 145-571)



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Overview

Quantity:	100 µg
Target:	PTPN9
Binding Specificity:	AA 145-571
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PTPN9 Antibody Picoband®
Immunogen:	E.coli-derived human PTPN9 recombinant protein (Position: Q145-I571).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PTPN9 Antibody Picoband® (ABIN7600070). Tested in ELISA, WB, Flow Cytometry applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	PTPN9
Alternative Name:	PTPN9 (PTPN9 Products)
Background:	Synonyms: Transforming growth factor beta activator LRRC32, Garpin, Glycoprotein A repetitions predominant, GARP, Leucine-rich repeat-containing protein 32, LRRC32, D11S833E Tissue Specificity: Heart, placenta, skeletal muscle, kidney, lung and pancreas. Background: Tyrosine-protein phosphatase non-receptor type 9 is an enzyme that in humans is encoded by the PTPN9 gene. The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an N-terminal domain that shares a significant similarity with yeast SEC14, which is a protein that has phosphatidylinositol transfer activity and is required for protein secretion through the Golgi complex in yeast. This PTP was found to be activated by polyphosphoinositide, and is thought to be involved in signaling events regulating phagocytosis.
Molecular Weight:	70 kDa
Gene ID:	5780
UniProt:	P43378

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg /1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Gross, M. B. Personal Communication. Baltimore, Md. 3/25/2014. 2. Gu, M., Warshawsky, I., Majerus, P. W. Cloning and expression of a cytosolic megakaryocyte protein-tyrosine-phosphatase with sequence homology to retinaldehyde-binding protein and yeast SEC14p. Proc. Nat. Acad. Sci. 89: 2980-2984, 1992.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.